

Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

*Complete if Known*

Application Number	10/811,486
Filing Date	March 26, 2004
First Named Inventor	Shinji HIRAIWA
Art Unit	
Examiner Name	
Confirmation No.	Not Assigned
Attorney Docket No.	939_060

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AA	2002-306511 A1	10-22-2002	Japan			JPO Machine Translation	✓
	AB	55-106146 A1	08-14-1980	Japan				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:

Date Considered:

8/6/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.